

Cocktail formula for Squaring Pi.

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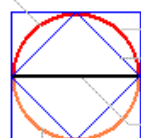
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Introduction:

The π cocktail formula

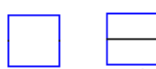


Circumference unit, radius 1.



Basic Elements

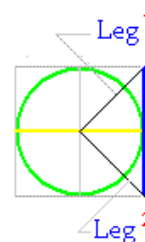
Number π to obtain.
Inscribed square
Circumscribed square
Diameter



$$\pi^{34} = 8 \times 10^{16} = 3,1415914441419926521824884125531.....$$

Application of the Pythagorean Theorem

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for obtaining each one of the 8 sides of the square.
4 powers for each side,
total 16 powers.

The way to obtain the Squaring Pi is a formula of composition and integration of several parameters, geometric figures and theorems (Pythagoras) in formulas, from which, we can extract any of these parameters in function of the other ones.

All these parameter and figures are related among them due to all they are at the same time parameters of composition of the other ones.

For example, the side of the circumscribed square to the circumference is at the same time the diameter of this circumference.

On the other hand, we introduce here the Pythagorean Theorem due to with it we can obtain, by mean of powers, any side of the circumscribed square in relation with the radii of inscribed and circumscribed squares to the circumference.

That is, we can introduce here the use of powers in the formulas of composition.

Then with all these composition of parameters finally it is obtained formulas that allow us to obtain the Squaring Pi.

To more information, see the web on the squaring Pi.

http://fermancebo.com/pi_direct_formula.html